

## 61101 to 61198—Continued.

61196 to 61198. Var. *murciense*.

61196. No. 6897. Province of Samara. From the experiment station of Krasny-Kut.

61197. No. 6901. Province of Samara. From the experiment station of Krasny-Kut.

61198. No. 6905. Province of Fergan, Turkistan.

61199. *MEDICAGO SATIVA* L. Fabaceæ.  
Alfalfa.

From Argentina. Seeds collected by H. L. Westover, Bureau of Plant Industry. Received July 14, 1924.

April 19, 1924. Procured from the highest point reached by the Trans-Andean Railroad, at an altitude of about 10,000 feet. (Westover.)

61200. *CITRUS MEDICA* L. Rutaceæ.  
Citron.

From the island of Corsica. Cuttings received August 1, 1924.

For testing by horticulturists engaged in citrus-breeding experiments.

## 61201 to 61223.

From the Union of South Africa. Collected by H. L. Shantz, Bureau of Plant Industry. Received July and August, 1924. Notes by Doctor Shantz.

61201. *MARANTA ARUNDINACEA* L. Araceæ.  
Bermuda arrowroot.

No. 292. Livingstonia, Nyasaland. April 30, 1924. Arrowroot grown by the natives on the highlands above Nyasa.

61202. *DISA* sp. Orchidaceæ.

No. 289. Livingstonia, Nyasaland. April 29, 1924. A beautiful blue terrestrial orchid, growing abundantly in mountain grassland west of Nyasa and said to be one of the most beautiful flowers here.

61203. *ORNITHOGALUM* sp. Liliaceæ.

No. 453. Deedorns, Cape Province. June 16, 1924. Lilylike bulbs from the desert at the edge of the karoo.

61204. (Undetermined.)

No. 446. Deedorns, Cape Province. June 16, 1924. A handsome lilylike plant with yellow-tipped, red flowers. Not only is the flower of this plant attractive but the foliage is also somewhat variegated.

61205. *COTYLEDON* sp. Crassulaceæ.

No. 444. Deedorns, Cape Province. June 16, 1924. This forms a fleshy, tree-like plant, reaching a height of 6 feet or more. It is leafless during the dry period, but the whole plant stem usually remains soft and green. At the beginning of growth it develops a bulbous stem which reminds one of true bulbous plants.

61206. (Undetermined.)

No. 445. Deedorns, Cape Province. June 16, 1924. Bulbs of a liliaceous plant about 6 inches in diameter, which usually is very abundant throughout this section. The plant has a curious habit of forming a new bulblet at the base of each of the leaves when the old bulb dies. It is produced in great abundance at the edge of the karoo.

## 61201 to 61223—Continued.

61207. (Undetermined.)

Same as No. 445 [S. P. I. No. 61206], but has small bulblets.

61208. (Undetermined.)

No. 446a. Deedorns, Cape Province. June 16, 1924. A lilylike plant with attractive, yellow-tipped, red flowers.

61209. *BABIANA* sp. Iridaceæ.

No. 447. Deedorns, Cape Province. June 16, 1924. A very attractive iridaceous plant growing over a large portion of South Africa.

61210. (Undetermined.)

No. 448. Deedorns, Cape Province. June 16, 1924. A bulbous plant similar in general character to Massonia.

61211. (Undetermined.)

No. 449. Deedorns, Cape Province. June 16, 1924. A bulbous plant similar in general character to Massonia.

61212. (Undetermined.)

No. 452. Deedorns, Cape Province. June 16, 1924. A small liliaceous plant.

61213. *BUPHANE DISTICHA* (L. f.) Herbert. Amaryllidaceæ.

No. 459. Cape Town, Cape Province. June 22, 1924. A plant, typically South African, with a very large bulb and stems a foot in diameter. It contains a very powerful toxic alkaloid called hæmanthine, and was one of the sources of arrow poison used by the bushmen. The bulb sends up a large head of small flowers.

61214. *COTYLEDON* sp. Crassulaceæ.

No. 444a. Deedorns, Cape Province. June 16, 1924. This is a fleshy, tree-like plant, reaching a height of 6 feet or more. It is leafless during the dry period, but the whole plant stem usually remains soft and green. At the beginning of growth it develops a thickened stem which reminds one of true bulbous plants.

61215. *GLADIOLUS* sp. Iridaceæ.

No. 287. Livingstonia, Nyasaland. April 29, 1924. A fine, large type, probably yellow flowered.

61216. *GLADIOLUS* sp. Iridaceæ.

No. 288. April 29, 1924. From the west escarpment above Nyasa near Livingstonia. A beautiful, small, pink, frail gladiolus; flowers few but large.

61217. *BULBINE* sp. Liliaceæ.

No. 286. Livingstonia, Nyasaland. April 29, 1924. A fine, tall, wild type, with deep-blue to purple flowers; abundant throughout the grassland.

61218. (Undetermined.)

No. 290. Livingstonia, Nyasaland. Said to have very attractive flowers. These lilies grow in a heavy clay (lateritic) soil in a region where drought occurs but is not very severe.

61219. (Undetermined.)

No. 455. Deedorns, Cape Province. June 16, 1924. From the karoo.